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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Douglas Scheffer ) Art Unit: 3722  
Serial No. 10/619,016 ) Examiner:  
Filed: July 11, 2003 ) Cust. No. 22931  
For: PIPE BEVELING TOOL AND ) Attorney  
METHOD ) Ref. No.: P114464

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Commissioner for Patents  
P.O. Box 1450  
Alexandra, VA 22313-1450

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May 5, 2004

Date

Liz Koyacs

**PETITION TO MAKE SPECIAL**

Sir,

The applicant hereby requests the application 10/619, 016 be expedited in examination where by a petition to make special is requested pursuant to 37 CFR 1.102. The applicant hereby warrants the petition to make special due to a cause of actual infringement where below you will find a statement before the office alleging that there is infringing device actually on the market. A rigorous comparison of the alleged infringing device with the claims of the application is presented below where the conclusion is that some of the claims are unquestionably infringed. Further, a careful and thorough search of the prior art has been made and an IDS form with the accompanying references are enclosed herewith.

05/11/2004 SZEWDIE1 00000073 10619016

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## REMARKS

The enclosed Attachment A is a print-out from an Internet web site of US Saws at [www.ussaws.net](http://www.ussaws.net). The item entitled 'The "Beveller" ' herein referred to as the alleged infringing device is for sale on this site. The applicant, Doug Scheffer, purchased an alleged infringing device through a third-party from US Saws. The device that was sent from US saws is shown to the various figures of attachment "B". I have personally examined the packaging which the alleged infringing device arrived in and independently confirmed that it did indeed arrive and is sold in the US market place at present. Further, enclosed herewith is attachment C which is a two-page copy of an enclosed operator safety manual that arrived with the alleged infringing device that is shown in attachment B.

Below is a detailed analysis of the claims as filed with a comparison of the various aspects of the alleged infringing device with references to the attachments.

### Analyses:

Pending Independent claims	Comparison with Attachments of alleged infringing device.	
1. A tool assembly for cutting a pipe and beveling an end edge portion of the pipe, said	As shown in Attachment "A" 20 there is a tool assembly for cutting a pipe and beveling and end portion of the pipe	

tool assembly comprising:		
<p>a) a rotary power saw section comprising:</p> <p>i) a rear handle grip portion which is adapted to be manually grasped, and</p> <p>ii) a forward saw portion having a saw mounting portion with a rotary drive member to which a rotary saw blade can be mounted, said rotary drive member having a transverse axis of rotation,</p> <p>b) a bevel section comprising a mounting section arranged to be connected to the rotary drive member so as to be rotatable therewith, a bevel cutting section connected to the mounting section so as to</p>	<p>As shown in Attachment "A" 22 there is a handle grip portion that is grasped by the user</p> <p>As shown in Attachment "A" 24 there is a saw mounting portion where a rotary drive member is intrinsically attached thereto and a rotary saw blade is mounted to the saw blade.</p> <p>There is also an inherent transverse axis as define in the claim.</p> <p>As shown in Attachment "A" 26 and as shown in Attachment "B" 26 in the various figures there is a bevel section where a mounting section 28 is mounted to the to the rotary drive member and is therefore rotatable therewith.</p> <p>There is also a bevel cutting section 30 connected to the mounted section 28 and as shown in the Figs. and as shown in Attachment "B" Is rotatable therewith.</p> <p>There is also a bevel member 29</p>	

<p>be rotatable therewith and comprising a bevel member adapted to be located in an operating position to bevel a pipe end edge portion, said bevel cutting section having a locating surface portion rotatable with said bevel section, and located adjacent to said bevel member in its operating position to engage the pipe end edge portion to locate said bevel section.</p>	<p>that is located in an operating position in Attachment "A"</p> <p>And is beveling a pipe on and edge portion 32 where the beveling cutting section 30 has a locating surface portion 34 that is rotatable with the bevel section and is located adjacent to the bevel member 29 and as shown in the central lower image in Attachment "A" is adapted to engage the pipe and edge portion to locate the bevel section 29.</p>	
<p>A method of beveling an end edge portion of the pipe, said method comprising:</p> <p>a) providing a rotary power saw wherein said rotary power saw section comprises:</p> <p>i) a rear handle grip portion which is adapted to be manually</p>	<p>As shown in Attachment "A" 22 there is a handle grip portion that is grasped by the user</p>	

<p>grasped;</p> <p>ii) a forward saw portion having a saw mounting portion with a rotary drive member to which a rotary saw blade can be mounted, said rotary drive member having a transverse axis of rotation;</p> <p>b) providing a bevel section comprising a mounting section and a bevel cutting section connected to said mounting section, with said bevel cutting section having a locating surface and a bevel member;</p> <p>c) connecting said mounting section to said rotary drive member so that said mounting section and said bevel cutting section with said bevel</p>	<p>As shown in Attachment "A" 24 there is a saw mounting portion where a rotary drive member is intrinsically attached thereto and a rotary saw blade is mounted to the saw blade.</p> <p>There is also an inherent transverse axis as define in the claim.</p> <p>As shown in Attachment "A" 26 and as shown in Attachment "B" 26 in the various figures there is a bevel section where a mounting section 28 is mounted to the to the rotary drive member and is therefore rotatable therewith.</p> <p>There is also a bevel cutting section 30 connected to the mounted section 28 and as shown in the Figs.</p> <p>There is also a bevel member 29 that is located in an operating position in Attachment "A"</p> <p>The mounting section is connected to the rotary drive member as shown in Attachment "A" and "B"</p>	
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<p>member and said locating surface rotate with said drive member;</p> <p>d) positioning said rotary power saw so that said bevel member is adjacent to the end edge portion of the pipe and said locating surface is positioned against said end edge portion of the pipe;</p> <p>e) operating said rotary power saw to rotate said drive member and thus rotate said bevel member;</p> <p>f) moving said rotary power saw so that said bevel section moves around the end edge portion of the pipe to form a bevel surface with the locating surface portion engaging the end edge portion to properly locate</p>	<p>As shown in Attachment "A" the bevel member adjacent to the end edge portion of the pipe and the positioning portion is against the end edge portion in the middle lower image.</p> <p>It is inherent in the results as shown in Attachment "A" in the right hand portion that the pipe was beveled in this manner.</p>	
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the bevel member.		
<p>20. A bevel apparatus adapted to be connected to a drive member to perform a beveling operation, said bevel apparatus comprises:</p> <p>a) a mounting section having:</p> <p>i) a threaded end connection adapted to engage a rotary drive member so as to be rotatable therewith;</p> <p>ii) an intermediate threaded portion having a first end connected to said threaded end connector;</p> <p>iii) a bevel end connecting portion connected to said intermediate threaded end portion;</p> <p>b) a bevel cutting</p>	<p>As shown in Attachment "A" 20 there is an apparatus adapted and shown to be connected to a drive member to perform beveling.</p> <p>As shown in the Figs. of Attachment "B" the mounting section 36 has a threaded end 38 (see Fig. 3 in Attachment "B") that is adapted to engage a rotary drive.</p> <p>An intermediate threaded portion 40 that has a first end connected to the threaded end connection 38.</p> <p>A bevel end connection portion is connected 42 is connected to the intermediate threaded end portion.</p> <p>A bevel cutting section 44 has a</p>	

<p>section comprising:</p> <p>i) a bevel member having a bevel connecting member portion arranged to be connected to the bevel end connecting portion of the mounting section;</p> <p>ii) a locating member having an end edge portion which provides a locating surface portion, said locating member having a threaded connecting portion arranged to threadedly engage said intermediate threaded portion of the mounting section so as to be adjustably movable relative thereto, said locating member also having a recess in which to receive said bevel member;</p>	<p>Bevel member 45 where a bevel connecting member 48 that is arranged to be connected to the bevel end connecting portion 42 of the mounting section 36</p> <p>A locating member 50 is provided having an edge portion 52 that provides a locating surface portion.</p> <p>The locating member 50</p> <p>has a threaded connecting portion 54 that threadedly engages the intermediate threaded portion 40</p> <p>And the mounting section 36 is adjustably movable</p> <p>The locating member 50 has a recess to receive the bevel member 45</p>	
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<p>iii) the bevel member having a slanted cone-shaped cutting surface having a base end portion and an apex end portion;</p> <p>iv) a lateral positioning member which is located adjacent the apex end of said lateral positioning member having a surrounding positioning surface to engage a sidewall of a pipe on which a beveling operation is to be performed.</p>	<p>The bevel member 45 has a slanted con-shaped cutting surface 56 that has a base end portion 58 and a an apex end portion 60 .</p> <p>A lateral positioning member 62 is provided and is located adjacent to the apex end portion 60 and has a surrounding positioning surface 64 to engage the sidewall of a pipe.</p>	
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Therefore it is my conclusion that the alleged infringing device is an infringing product and US Saws of 3305 W. Warner Ave., Santa Ana, CA 92704 is infringing the proposed claims of the pending application. Whereby a petition to make the pending application special is requested and is believed to be well founded for reasons of active infringement under MPEP 708.02 II.

If there is any matter which could be expedited by consultation with the Applicant's attorney, such would be welcome. The Applicant's undersigned attorney can normally be reached at the telephone number and email address set forth below. Signed at Bellingham, County of Whatcom, State of Washington this May 5, 2004.

Respectfully submitted,

By   
\_\_\_\_\_  
Michael F. Hughes, Reg. No. 41,084  
Hughes Law Firm, PLLC  
Pacific Meridian Plaza  
4164 Meridian Street, Suite 302  
Bellingham, WA 98226  
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ROBERT B. HUGHES  
MICHAEL F. HUGHES

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PATENT, TRADEMARK  
& COPYRIGHT LAW

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 5, 2004  
Docket No. P114464

Sir,

Transmitted herewith for filing is a Petition to Make Special :

Applicant: Mr. Douglas Scheffer  
Title: PIPE BEVELING TOOL AND METHOD

**Application is claiming priority benefit under 35 U.S.C. §119(e) of U.S. Serial Number(s) and Filing Date(s):**

<u>Serial Number</u>	<u>Filing Date</u>
60/395,483	7/11/2002

1. Enclosed are:

- a). 10-page Petition to Make Special w/ Certificate of Mailing requesting treatment under (37 CFR 1.8a) ;
- b). 8-page Attachments A, B and C;
- c). 2-page Declaration in Support;
- d). 4-page Preliminary Amendment;
- e). 1-page Fee Transmittal Sheet PTO/SB/17;
- f). 1-page IDS PTO/SB/08A w/ cited prior art references attached;
- g). Check for \$236.00 in payment of Petition Fee and add'l Claims Fee;
- h). 1 Return postcard

**Certificate of Mailing (37 CFR 1.8a)**

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May 5, 2004  
Date

Liz Kovacs



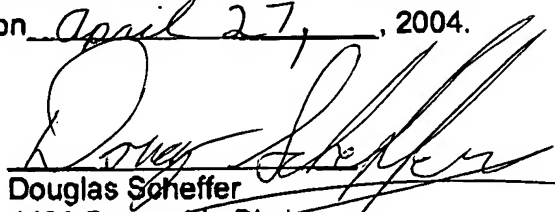
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Douglas Scheffer	)	Law Office:
Serial No.	10/619,016	)	Examiner:
Filed:	July 11, 2003	)	Cust. No. 22931
For:	PIPE BEVELING TOOL	)	Attorney
	AND METHOD	)	Ref. No.: P114464

**Declaration of Douglas Scheffer in Support for Petition to Make  
Special for Serial Number 10/619,016 entitled "PIPE BEVELING  
TOOL AND METHOD"**

I Douglas Scheffer owner of PB Tools at 4431 Sunnyside Blvd. Marysville WA 98270 requested Richard Gibson, living at 10550 Dunlap Crossing Road, #46 Whittier CA 90606 to purchase a beveling device such as that as shown in Attachment B from US Saws at 3305 W. Warner Ave., Santa Ana, CA 92704 having the telephone number (714) 434-7297. Mr. Gibson purchased the pipe beveling device that is shown in Attachment B as stated in his accompanying declaration. On April 2, 2004 Mr. Gibson mailed the pipe beveling device that is shown in Attachment B to me at 4513 Sunnyside Blvd. Marysville WA 98270. I delivered the device that is shown in Attachment B to my patent attorney Mike Hughes in the next few days after when I received it.

I declare under penalty of perjury under the laws of United States of America that the foregoing is true and correct. Executed on April 27, 2004.

  
Douglas Scheffer  
4431 Sunnyside Blvd.  
Marysville, WA 98270



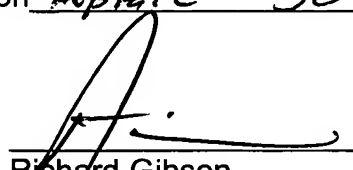
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

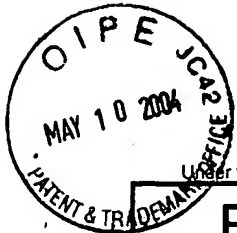
Applicant:	Douglas Scheffer	)	Law Office:	
Serial No.	10/619,016	)	Examiner:	
Filed:	July 11, 2003	)	Cust. No.	22931
For:	PIPE BEVELING TOOL	)	Attorney	
	AND METHOD	)	Ref. No.:	P114464

**Declaration of Richard Gibson in Support for Petition to Make  
Special for Serial Number 10/619,016 entitled "PIPE BEVELING  
TOOL AND METHOD"**

I Richard Gibson, living at 10550 Dunlap Crossing Road, #46 Whittier CA 90606, having a mailing address PO Box 2139 Yucca Valley, California 92284 was requested by Doug Scheffer on March 26, 2004 to purchase a pipe beveling device such as that as shown in Attachment B from US Saws at 3305 W. Warner Ave., Santa Ana, CA 92704 having the telephone number (714) 434-7297. I contacted Jason Root, the west coast manager of US Saws, who was in Kent, WA at the time. Mr. Root said that US Saws has been making the pipe beveling device for a while. I paid approximately \$288.00 total for the actual device as shown in Attachment B and as advertised on their website at [www.ussaws.net](http://www.ussaws.net) which is substantially similar to Attachment A, on April 2, 2004. On the same day, April 2, 2004, I sent the device as shown in Attachment B to Doug Scheffer.

I declare under penalty of perjury under the laws of United States of America that the foregoing is true and correct. Executed on April 30, 2004.

  
Richard Gibson  
10550 Dunlap Crossing Road, #46  
Whittier CA 90606



PTO/SB/17 (08-03)

Approved for use through 07/3/200 OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2003

Effective 0110112003. Patent fees are *subject to* annual revision.☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$ 236.00

**Complete if Known**

Application Number	10/619,016
Filing Date	July 11, 2003
First Named Inventor	Mr. Douglas Scheffer
Examiner Name	
Art Unit	3722
Attorney Docket No.	P114464

**METHOD OF PAYMENT (check off that apply)**☒ Check ☐ Credit card ☐ MoneyOrder ☐ Other ☐ NoneDeposit  
Account  
Number  
Deposit  
Account  
Name

08-3260

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, **except for the filing fee**  
to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee Reduced	Fee Paid
27	-20- = 7	X 9.00	\$63.00
4	-3- = 1	X 43.00	\$43.00
Independent Claims			
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** \$ 106.00

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	130.0
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** \$ 130.00**SUBMITTED BY**

Name (Print/Type)	Michael F. Hughes	Registration No. (Attorney/Agent)	41,084	Telephone	360-647-1296
Signature		Date	May 05, 2004		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Air Saws**  
**Gas Saws**  
**Bevel Saws**

**Pipe Saws  
Core Drilling  
Pipe Bending**

U.S. SAWS  
REMS U.S.

**Concrete Saws  
Hydraulic Saws  
Diamond Blades**

**Pipe Freezing**  
**Pipe Soldering**  
**Pipe Threading**

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## U.S. Saws

Air Saws  
Beveling Tools  
Diamond Blades  
Dustless Sawing  
Electric Saws  
Hydraulic Saws  
Pipe Piranha Blade  
Poly-Gator Blade

REMS U.S.

- Assembling
- Bending
- Cleaning
- Cutting, Chamfering
- Deburring
- Expanding,
- Extracting
- Freezing
- Press Jointing
- Roll Grooving
- Soldering
- Threading

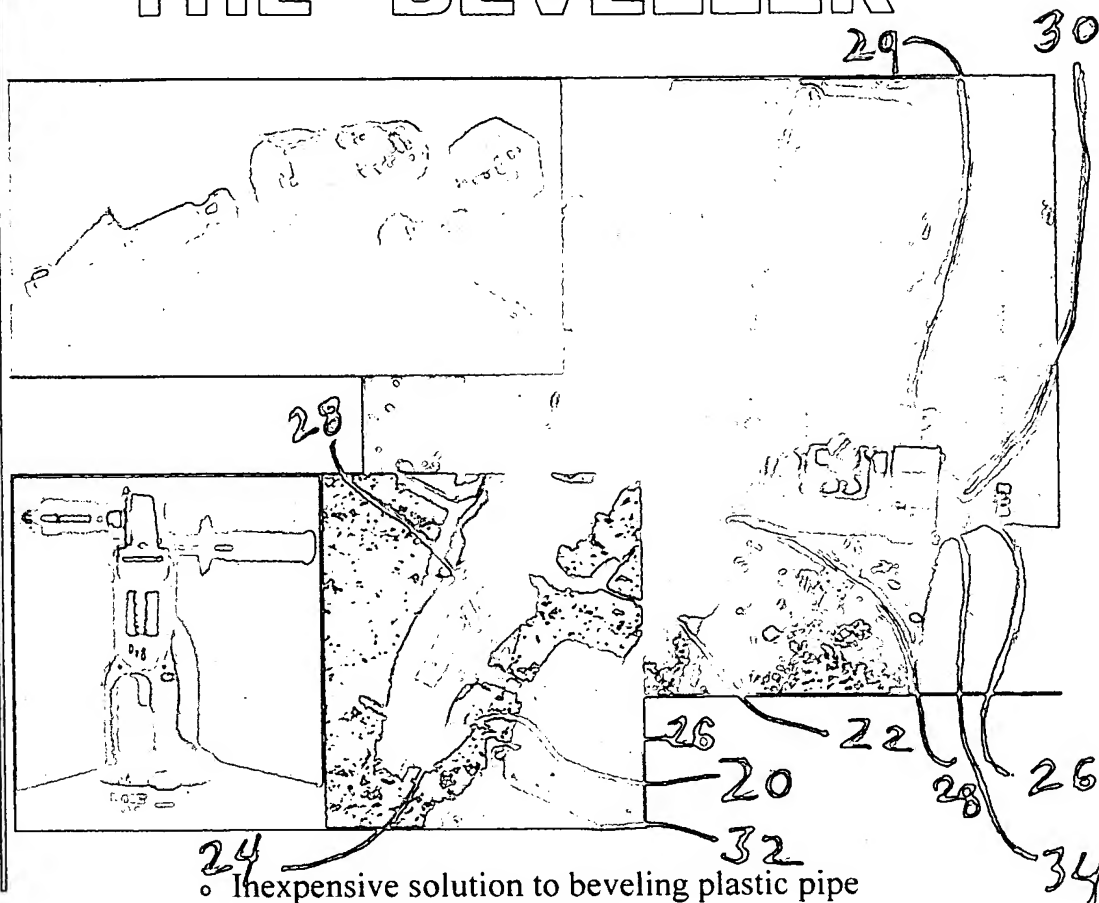
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# THE "BEVELLER"



- Inexpensive solution to beveling plastic pipe (PVC, C-900, and SDR 35)
- Installs quickly and easily
- Adjustable bevel depth for various pipe thicknesses
- Can be attached or removed simply without disturbing the blade
- One man operation
- Bevel pipe in or out of trench
- Models available to fit gas powered "Quickie" Saws and 5/8-11 threaded right angle grinders

## Patent

Pending



ATTACHMENT "A" 2/8

<b>INTRODUCTORY PRICE: \$265.00</b>
<b>Part number" Determined by saw material</b>

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**2585 27th Ave. N., St. Petersburg, FL 33713 • (727) 322-8945 • Fax (727) 323-9657**  
**3305 W. Warner Ave., Santa Ana, CA 92704 • (714) 434-7297 • Fax (714) 434-7299**

Attachment "B"

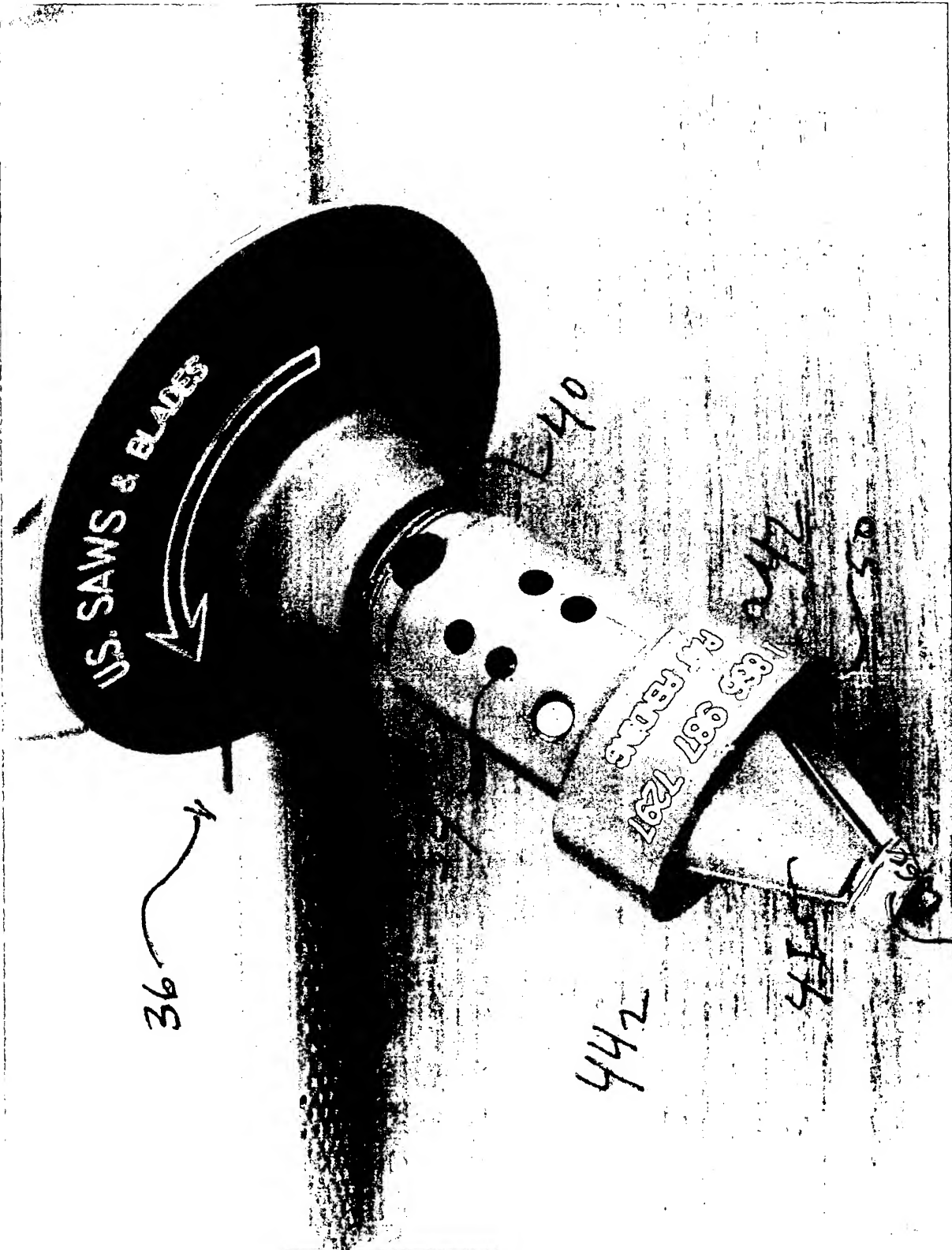


Fig. 1

Attachment "B"

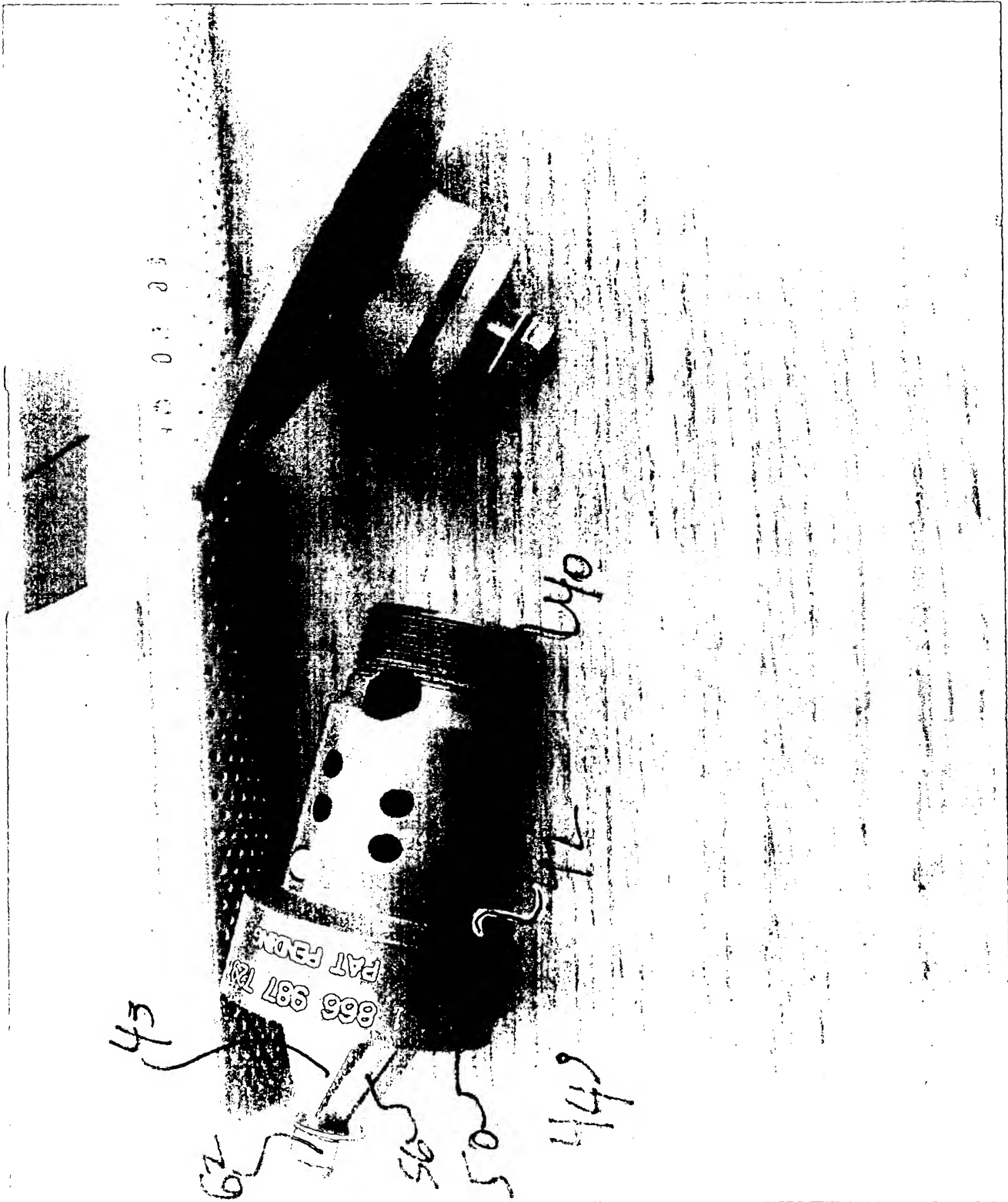


Fig. 2

Attachment "B"

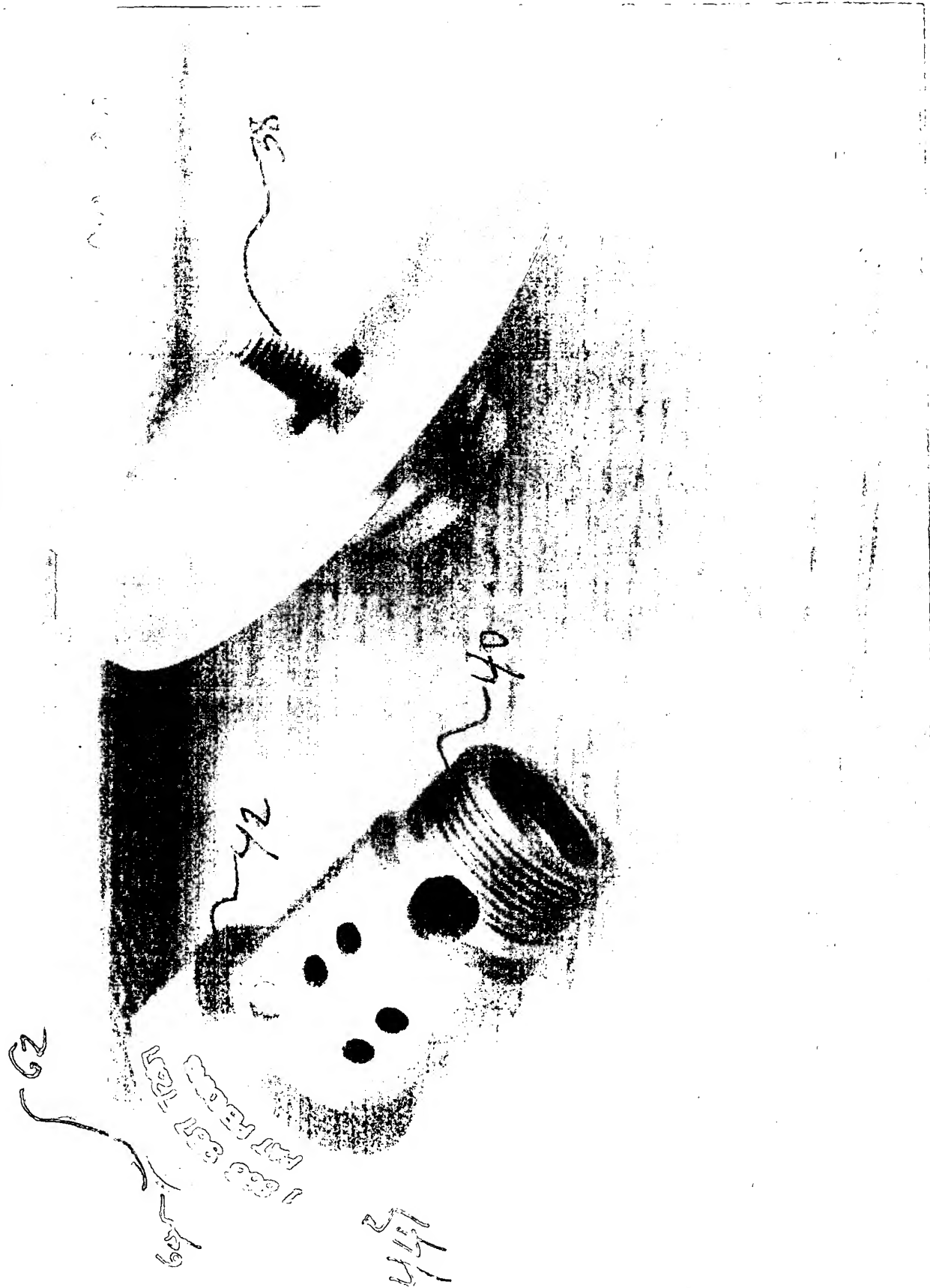


Fig. 3



Fig. 4

Attachment "B"

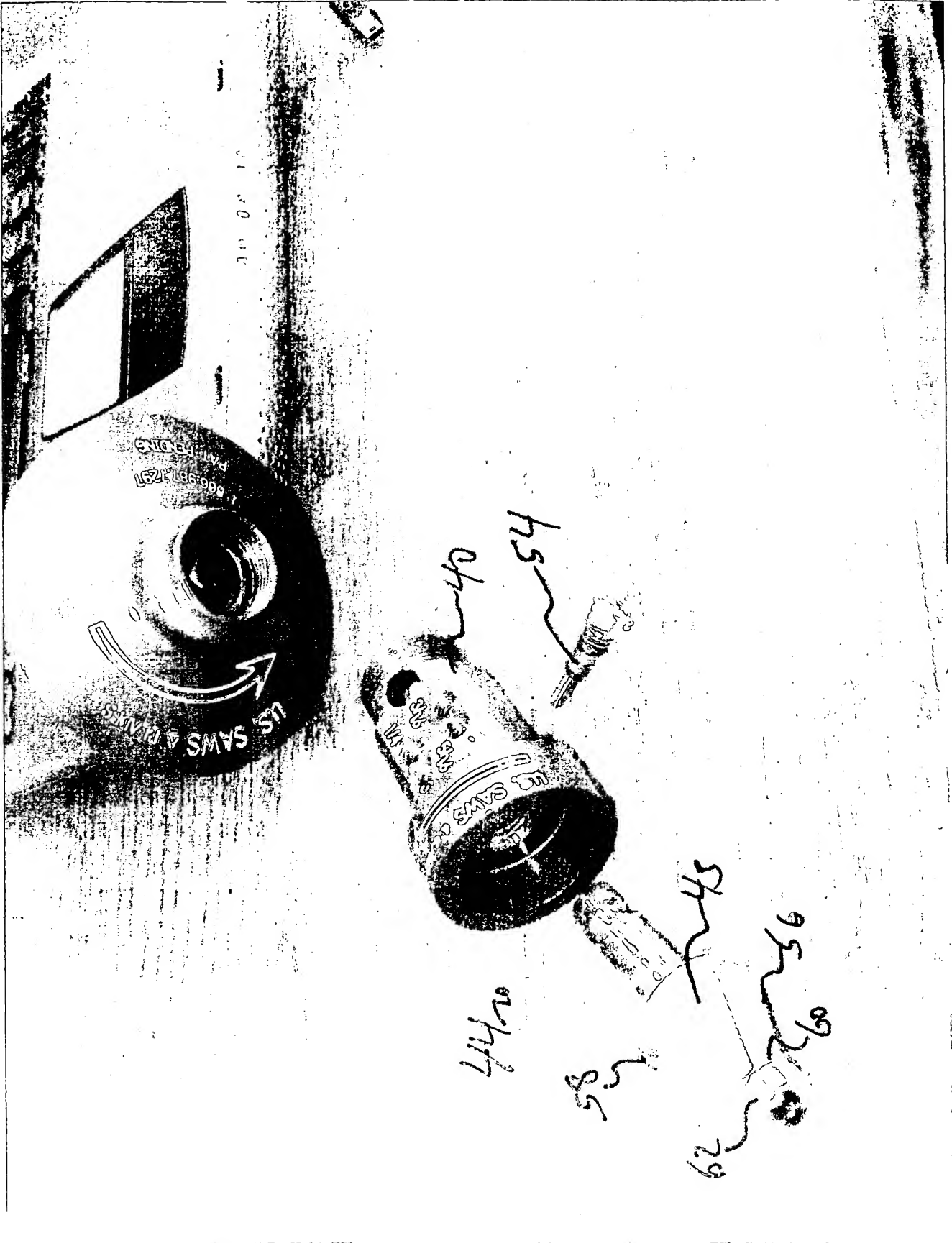


Fig. 5

READ AND UNDERSTAND THE OPERATOR'S SAFETY MANUAL THOROUGHLY BEFORE ATTEMPTING TO OPERATE EQUIPMENT WITH THE BEVELLER ATTACHED. Death or serious injury could occur if this machine is used improperly.

**SAFETY MESSAGES**

The safety instructions are preceded by a graphic alert message of DANGER, WARNING, CAUTION.

**DANGER**

Indicates an imminent hazard which, if not avoided will result in death or serious injury

**WARNING**

Indicates an imminent hazard which, if not avoided will result in death or serious injury

**CAUTION**

Indicates an imminent hazard which, if not avoided will result in death or serious injury

**EQUIPMENT SELECTION**

Important: The direction of rotation of the BEVELLER MUST be Counter Clockwise. Check the direction of rotation of the equipment it is to be attached to before using. Both the equipment and the Beveler when viewed from the Beveler side, must rotate counter clockwise. Call US Saws for the correct model Beveler. Number if rotation is incorrect.



Equipment rotation and "Beveler" rotation must be the same

The direction of rotation when viewed from the attachment side can be reversed on Husqvarna and some other brands of equipment. This is achieved by reassembling the blade either in the middle of the saw or to one side. The "Beveler", model Part No US24000, can only be used counter clockwise.

**GENERAL INSTRUCTIONS**

**CAUTION**

**WARNING**

- READ AND UNDERSTAND THESE THOROUGHLY BEFORE ATTEMPTING TO OPERATE THIS EQUIPMENT. Different models have different parts and controls, death or serious injury could occur if the machine is used improperly.
- REFER TO THE (OEM) Original Equipment Manufacturer operating instructions. These instructions are for the "Beveler" only.

**GENERAL INSTRUCTIONS Cont**

- should only be operated by trained personnel in good physical condition and mental health (not fatigued). The operator and maintenance personnel must be physically able to handle the bulk weight and power of this equipment.
- This is a one person tool. Maintain a safe operating distance from other personnel. It is the operator's responsibility to keep other people (workers, pedestrians, bystanders, etc) away during operation. Block off the work area in all directions with roping, safety netting, etc. for a safe distance.
- This equipment is intended for commercial use.
- For operator's safety and the safety of others, always keep all guards in place during operation.
- Never let equipment run unattended.
- Proper attire must be worn when operating this machinery. The operator must wear approved safety equipment appropriate for the job, such as hard hat, when conditions require, safety shoes, hearing protection (operational noise levels of this equipment may exceed 90db), non-fogging vented safety goggles and dust respirator.
- Keep body parts and loose clothing away from moving parts. Failure to do so could result in dismemberment or death.
- Stop motor/engine when adjusting or servicing this equipment.
- Maintain a safe operating distance from flammable materials. Sparks from the cutting-action of this machine can ignite flammable materials or vapors.

**WARNING**

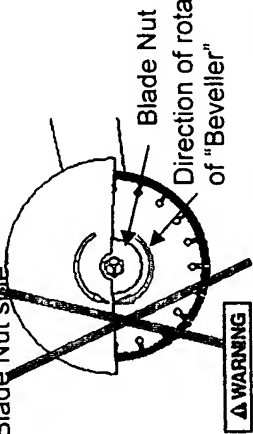
- This equipment will create dust from the material being removed. The dust may contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm. Check the chemical properties of the material to be removed and take the appropriate precautions.

**US SAWS & BLADES**  
11 High Street.  
Suffield CT 06078

**phone (866) 987 - SAWS**  
**www.ussaws.net**

**ASSEMBLY**  
Beveler to Equipment

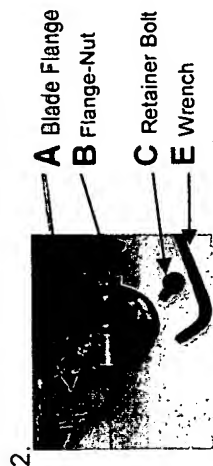
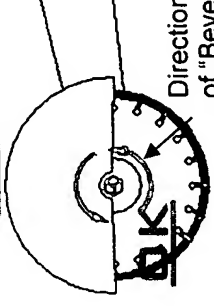
- 1A. Check that the direction of rotation arrows on the "Beveler" are the same as the Saw when viewed from Blade Nut side



**WARNING**

The direction of rotation arrow on the "Beveler" is not the same as the saw, do NOT use the Equipment.

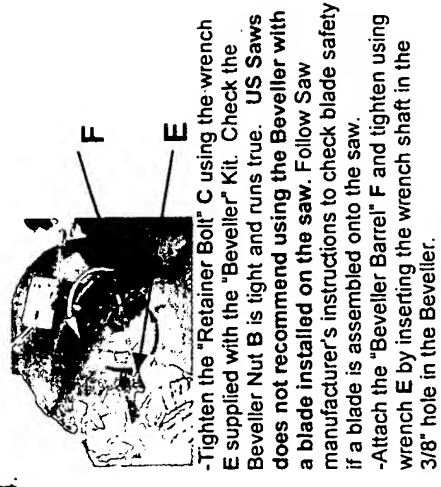
- 1B.



Check that the "Beveler" Kit is for the correct saw. Kit includes Bolt, Wrench and "Beveler" Flange-Nut to secure the "Beveler" to the saw. Note; bolt must engage in the shaft and have at least 6 turns.



Using the "Retainer Bolt" C secure the "Beveler" Flange-Nut" B to the saw using wrench E. Check the blade is tight and runs true. The bolt should thread into the shaft easily. Do not force.



**USE**  
Beveling  
Plastic Pipe



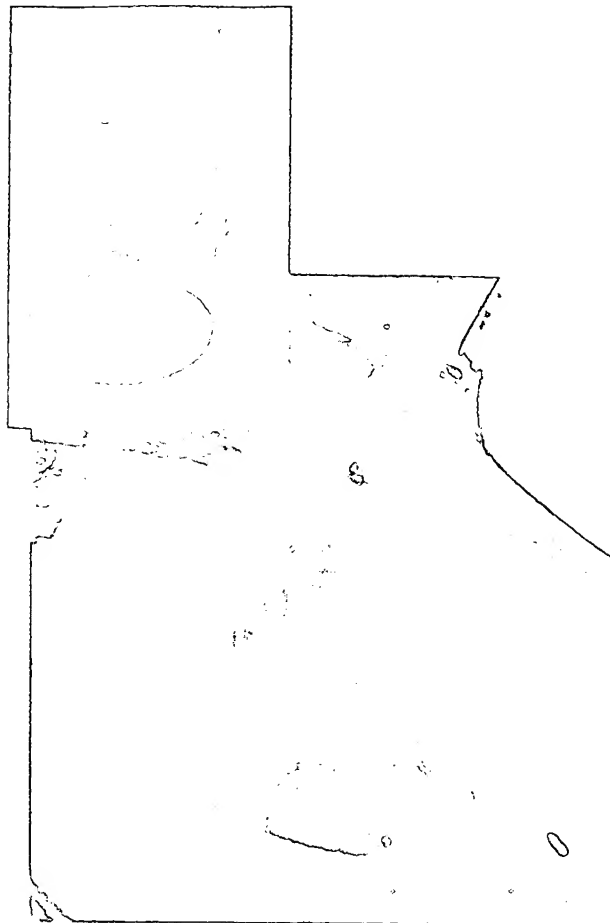
- 1A. - Select the size of the bevel to allow for the thickness of pipe. There are four positions that can be selected. The settings are 3/16", 1/4", 5/16" and 3/8". It is important that the bevel setting is less than the pipe wall thickness.
- 1B. - Remove the "Adjusting Screw" G and relocate it in the position next to the Bevel size selected.



- 2A. - Place the pipe to be beveled on lumber to elevate it sufficiently so the Saw does not strike the ground.
- 2B. - Secure a stop behind the pipe so that it cannot move during the beveling operation.

# "THE BEVELLER" OPERATOR'S SAFETY MANUAL

# U.S. SAWS



FOR COUNTERCLOCKWISE OPERATION

**BEVELLER PART NUMBER (US24000)**

For use on the following saws:

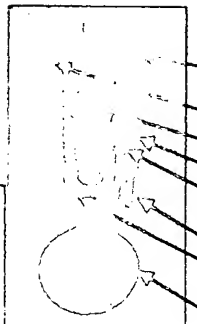
-Husqvarna	371K, 375K, 3120K
-Target	Q Turbo 60, 80 & Quickle T80
-Partner	K650, K700, K950, K1250
-Makita	DPC-6200, 6400, 7300

**US SAWS & Blades**  
11 High Street  
Suffield CT 06078  
Local (860) 668 2402

**TOLL FREE 1 (866) 597 7297**

[www.usaws.net](http://www.usaws.net)

## PARTS



Description	Part No	Symbol
Beveler Barrel	US24100	H
Beveler Flange-Nut	US24106	B
Retainer Bolt	US24110	C
Adjusting Screw	US24115	G
Beveler Blade	US24120	I

## LIMITED EQUIPMENT WARRANTY

**LIABILITY LIMITATIONS**

The remedies of the user set forth under provisions of warranty outlined above are the exclusive and total liability of US Saws with respect to their sale or the equipment and service furnished hereunder, in connection with the performance or breach thereof, or from the sale, delivery, installation, repair or technical direction covered by or furnished under the sale, whether based on contract, warranty, negligence indemnity, strict liability, or otherwise shall not exceed the purchase price of the equipment upon which such liability is based. US Saws will not in any event be liable to the user, any successors in interest or any beneficiary or assignee relating to this sale for any consequential, incidental, indirect, special or punitive damages arising out of this sale of any breach thereof, or any defects on, or failure of, or malfunction of the equipment under this sale based upon loss of use, lost profits or revenue, interest, lost good will, work stoppage, impairment of other goods, loss by reason of shutdown or non operation, increased expenses of operation of the equipment, cost of purchase or replacement power of claims of users or customers of the user for service interruption whether or not such loss or damage is based on contract, warranty negligence, indemnity, strict liability, or otherwise.

US Saws reserves the right to modify, alter and improve any part or parts without incurring any obligation to replace any part or parts previously sold without such modification.

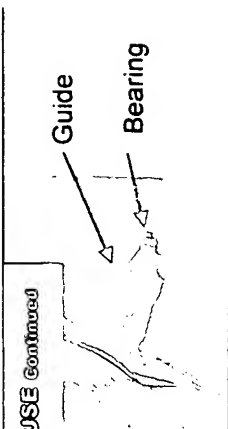
US Saws and Blades Inc. herein referred to as US Saws, warrants that each new unit manufactured by US Saws to be free from defects in material and workmanship in normal use and service for a period of (1) year (except in the case of consumable items) from the date of shipment to the original buyer.

US Saws will, at its sole option, repair or replace, at the US Saws factory or at a point designated by US Saws, any part, which shall appear to the satisfaction of US Saws inspection to have been defective in material or workmanship.

The warranty does not apply to failure occurring as a result of abuse, misuse, negligent repairs, corrosion, erosion, normal wear and tear, alterations or modifications made to the unit without the express written consent of US Saws or failure to follow the recommended operating practices and maintenance procedures as provided in the product's operating manual.

Accessories or equipment furnished and installed on the product by US Saws but manufactured by others including, but not limited to engines, motors, electrical equipment, transmissions etc., shall carry the accessory manufacturer's own warranty.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, OR STATUTORY, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE.



- 4A. - Start the saw in accordance with the manufacturer's recommendations. Follow all safety instructions.
- 4B. - With the "Beveler" up to speed rest the small bearing end on the edge of the pipe.
- 4C. - With the bearing riding on the pipe push the Beveler sideways until the guide on the Beveler is touching the end of the pipe.
- 4D. - Slowly pull the saw towards the operator.
- 4E. - Stop and rotate the pipe a small amount then repeat until the bevel is completed around the whole pipe.